




FEMA


NDOP Project Tracking System Quick Reference Guide

Mapping
Information Platform



Home

NDOP Project Tracking System



National Digital Orthophoto Program

Welcome to the NDOP Project Tracking System.

On this site, you can choose any of three options:

- 1) **Upload Project Information** to load projects by uploading XML files directly to the Project Tracking System
- 2) **Enter Project Information** to enter project information in the Project Tracking System through online forms
- 3) **Search Project Information** to query the Project Tracking System for existing projects

The online forms are used to generate an FGDC-compliant metadata record. A copy will be emailed to you for your use.

For help on how to use the NDOP Project Tracking System, see the quick User Reference ([Adobe PDF](#)) and User Guide ([Adobe PDF](#)). Adobe PDF documents require the [Adobe Reader](#).

If you experience technical difficulties using the system, please send us an email (MIPHelp@mapmodteam.com). You will receive a response promptly.

If you have questions about the National Digital Orthophoto Program project coordination activities, please [see the NDOP Project Coordination Subcommittee web page](#).

Most of the metadata terms can be found in this [glossary](#).

There are several tools and explanations of how metadata is used at the [USGS's geology metadata page](#).

Another good source for researching metadata terminology and definitions is at the [Image Map of the Content Standard for Digital Geospatial Metadata](#).

And, of course, there is the [FGDC website](#).

Upload Project Information

Enter Project Information

Search Project Information

Export All Records

	Brief	Summary	Full
CSV	download	download	download
XML	download	download	download

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What is the NDOP Project Tracking System?

The NDOP Project Tracking System is an application that allows the entry and search of imagery project information for projects available in the NDOP Tracking System Registry.

NDOP Project Tracking System Overview

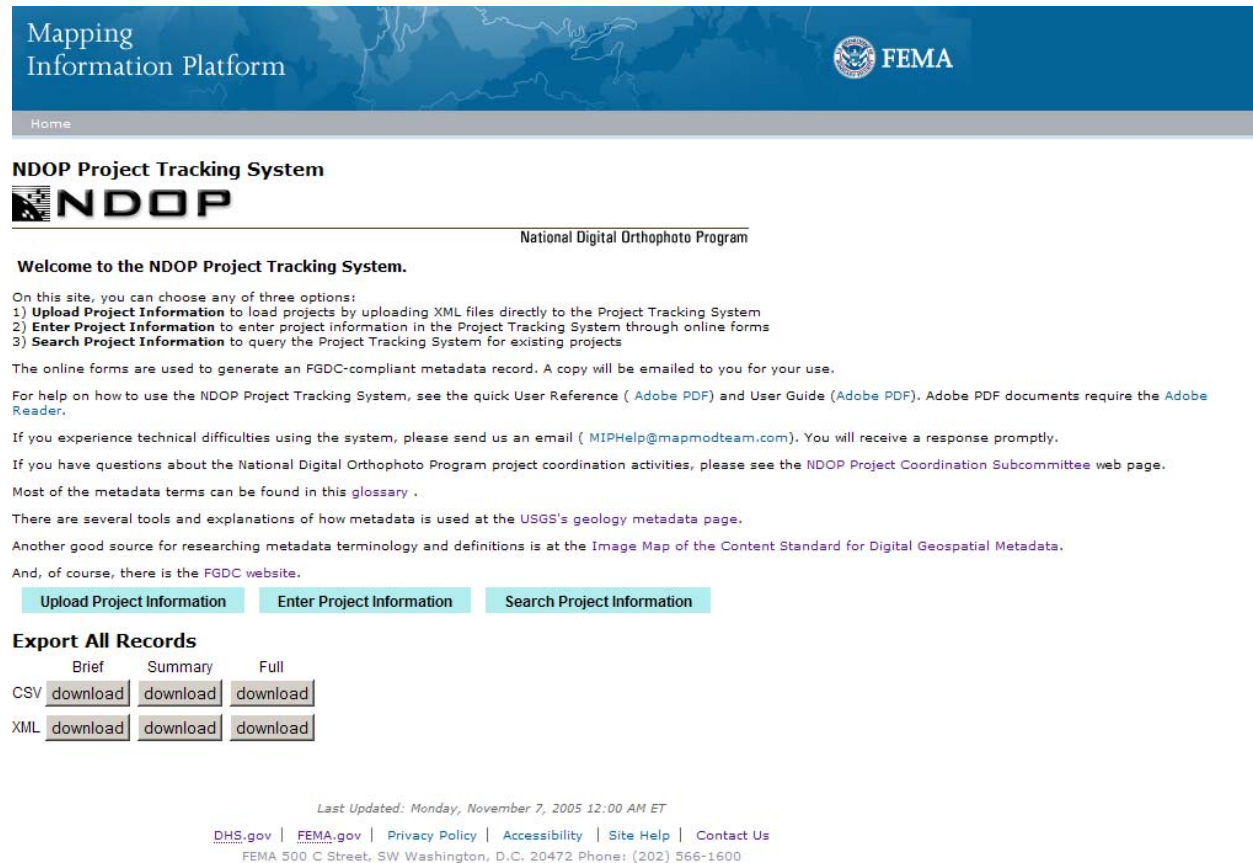
The NDOP Project Tracking System Quick Reference Guide contains useful information that will help guide you through using the application. For additional information please review the NDOP Project Tracking User Guide.

Conventions used in this application are:

- All data entry boxes with a yellow background must be completed.
- All data entry boxes with a white background are optional and do not have to be completed.

Quick Reference Guide

Project Tracking System Home Page



The screenshot shows the NDOP Project Tracking System Home Page. At the top is a blue banner with the text "Mapping Information Platform" on the left and the FEMA logo on the right. Below the banner is a grey bar with the word "Home". The main content area has a header with "NDOP Project Tracking System" and the "NDOP" logo. To the right of the logo is the text "National Digital Orthophoto Program". Below the header is a welcome message: "Welcome to the NDOP Project Tracking System." This is followed by three numbered options: 1) Upload Project Information, 2) Enter Project Information, and 3) Search Project Information. Below these options is a paragraph explaining that the online forms generate an FGDC-compliant metadata record. Then, there are links for help on how to use the system, including a quick User Reference (Adobe PDF) and a User Guide (Adobe PDF). Next, there is a link for technical difficulties and a link for questions about the National Digital Orthophoto Program project coordination activities. Then, there is a link to a glossary of metadata terms. Finally, there are links to several tools and explanations of how metadata is used at the USGS's geology metadata page, a link to a good source for researching metadata terminology and definitions, and a link to the FGDC website. At the bottom of the main content area are three buttons: "Upload Project Information", "Enter Project Information", and "Search Project Information". Below these buttons is a section titled "Export All Records" with three tabs: "Brief", "Summary", and "Full". Under each tab are two buttons: "CSV" and "XML", each with a "download" link. At the very bottom of the page is a footer with the text "Last Updated: Monday, November 7, 2005 12:00 AM ET" and a row of links: "DHS.gov", "FEMA.gov", "Privacy Policy", "Accessibility", "Site Help", and "Contact Us". Below these links is the address "FEMA, 500 C Street, SW Washington, D.C. 20472 Phone: (202) 566-1600".

Mapping Information Platform

FEMA

Home

NDOP Project Tracking System

NDOP

National Digital Orthophoto Program

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And, of course, there is the [FGDC website](#).

[Upload Project Information](#) [Enter Project Information](#) [Search Project Information](#)

Export All Records

Brief Summary Full

CSV [download](#) [download](#) [download](#)

XML [download](#) [download](#) [download](#)

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There are four options on the NDOP home page:

- **Upload Project Information** allows the user to upload the project information from a preformatted XML file. The Sample section contains an example of the file.
- **Enter Project Information** allows the user to enter project information screens where the data is entered interactively on several different screens.
- **Search Project Information** allows the user to navigate to the search section of the application and to search the data currently in the system.
- **Export All Records** allows the user to export all the data currently in the system in a variety of formats.

Upload Project Information

If Upload Project Information is selected, the following screen appears:

Mapping
Information Platform

Home

NDOP Project Tracking System - Upload

NDOP

National Digital Orthophoto Program

XML Upload

If you have a valid metadata file in XML format, please use this form to upload your file. The Project Tracking System will validate your XML file against the FGDC Content Standard for Digital Geospatial Metadata Version 2 (FGDC-STD-001-1998).

Please note that in addition to the requirements of the FGDC standard, the Project Tracking System has its own formatting requirements to allow proper search and retrieval of the metadata document. See the User Guide ([Adobe PDF](#)) for details. Adobe PDF documents require the [Adobe Reader](#).

Submit a XML Metadata File :

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Use the Browse button to browse for the XML file. Once located, select Upload File.

If the file loads properly, the user will start on page 1 of project information entry, with the form fields populated with the information from the XML file.

If the file does not load, an error page will appear with descriptions of the errors in the XML file. Use a text editor to correct the XML file and try to upload it again. It should be noted that this is not the easy way to load a project into the system, but it can be quicker if the user is knowledgeable about metadata formats. The file will not be loaded until the errors are corrected and the upload steps are performed again.

Enter Project Information

If Enter Project Information is chosen, the following screen will appear:

NDOP Project Tracking System - Interactive Page 1 of 4

NDOP National Digital Orthophoto Program

Identification Information Please note that required fields are in yellow

Who is the NDOP lead funding Agency or Organization?

--Please Select-- If other, please enter here:

Are there other agencies or organizations funding the data collection? (Hold Control key for multiple entries)

-----Not Specified-----
NRCS
FS
USGS
BLM

If other, please enter here:

Who is the point of contact for partnering or information about the project?

Who is the contact person?

Contact Phone:

Contact E-Mail:

When the data are complete, how can someone obtain a copy?

Organization:

Contact Phone:

Website for data distribution

The fields can be filled in as follows:

“Who is the NDOP lead funding Agency or Organization?” – Select the lead agency from the list, or key in the agency name if it is not on the list.

“Are there other agencies or organizations funding the data collection?” – Select other funding agencies from the list if desired. Multiple agencies can be selected by holding down the Control key and picking each agency. If an agency is not on the list, the user may key in the name in the box to the right of the list.

“Who is the contact person?” – Enter the name of the contact person for this project

“Contact Phone:” – Enter the phone number of the contact. Please use xxx-xxx-xxxx format.

“Contact E-Mail:” – Enter the email address of the contact person.

“Organization:” – Enter the name of the organization that can supply a copy of the data.

“Contact Phone:” – Enter the phone number of the contact for the data.

“Website for data distribution” – Enter the web address for the data, or enter “None” if a website is not yet determined.

Once all fields are complete, select the “Next” button. This will validate the data. If data meets the criteria, entry form page 2 of 4 will be displayed. If invalid data was entered or a required field was not filled out, the error will be identified to the user and must be corrected. Select the “Next” button when the errors have been corrected.



Tell us about the Project

Project Information

What is the title of your project?

In what fiscal year will the data be collected?
(yyyymmdd)
Please Select

What will be the estimated starting and ending dates? (yyyymmdd)

Beginning Date

Ending Date

What is the status of your project?
Proposed (very early stages, looking for partners)

Abstract: Provide a brief description of the project, the products planned and the purpose

What will the approximate image resolution be?
Please Select

What will be the [NSSDA Horizontal Accuracy](#) value for the data in meters?
 OR: ☐ To be Determined
[Online length conversion tool](#)

What format will the data be in?
(Hold Control key for multiple entries)
Please Select
BIL
BIP
If other:

What image bands will be collected?
(Hold Control key for multiple entries)
Not Specified
CIR
Panchromatic
If other:

How will the data be collected?
Please Select

What image bands will be available in the project deliverables?
(Hold Control key for multiple entries)
Not Specified
CIR
Panchromatic
If other:

Will the data be leaf-on or leaf-off?
Please Select If other:

Use Constraints: Do you anticipate licensing or usage restrictions?
(What can one do with the data after receiving it?)
Please Select

Next Reset

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The fields can be filled in as follows:

“What is the title of your project?” – Enter a project name. Please keep this to less than 30 characters

“In what fiscal year will the data be collected?” – Select the year the data will be collected from the drop-down list.

“What will be the estimated starting and ending dates?” – These are optional fields to enter starting and ending dates for the project.

“What is the status of your project?” – Select the status of the project from the list.

“Abstract:” – This is an optional field that allows the user to further identify the project in under 200 characters.

“What will the approximate image resolution be?” – Select the approximate image resolution from the drop down list.

“What will be the planned NSSDA horizontal accuracy of the data (in meters)?” – Enter the horizontal accuracy in meters. There is a link to a conversion tool and to the NSSDA guidelines if the user requires help.

“What format will the data be in?” – Select the format the data will be collected in from the list. Multiple selections may be made by holding down the Control key. If the user does not yet know the format for the data, please select ‘Not Specified’ from the list.

“What image bands will be collected?” – Select the image bands the data will be collected in from the list. Multiple selections may be made by holding down the Ctrl-key. If the user does not yet know the image bands for the data, please select ‘Not Specified’ from the list.

“How will the data be collected?” – Select how the data will be collected from the list. If the user does not yet know how the data will be collected, please select ‘To be determined’ from the list.

“What image bands will be available in the project deliverables?” – Select the image bands the data will be available in from the list. Multiple selections may be made by holding down the Control key. If the user does not yet know the image bands available for the data, please select “Not Specified” from the list.

“Will the data be leaf-on or leaf-off?” – Select Leaf on or Leaf off from the drop down list.

“Use constraints:” – Select the use constraints for the data from the list.

Once all fields are completed, select the “Next” button. This will validate the data. If data meets the criteria, entry form page 3 of 4 will be displayed. If invalid data was entered or a required field was not filled out, the error will be identified to the user and must be corrected. Select the “Next” button when the errors identified have been corrected.



Tell us about the Project

Project Location

What area will be covered by this data?

Please enter Bounding Rectangle for the data

North Bounding Coordinate:
(Decimal degrees)

South Bounding Coordinate:
(Decimal degrees)

East Bounding Coordinate:
(Decimal degrees)

West Bounding Coordinate:
(Decimal degrees)

OR

Please select a state with a corresponding county to insert the bounding box coordinates into the FGDC record

State:

Is there a specific description of the area you would like to provide?

The fields can be filled in one of two methods:

First method - Enter bounding box

If the user knows the bounding box then the coordinates can be entered in fields 3-1 through 3-4.

“North Bounding Coordinate” – Enter the North coordinate (must be larger than the South coordinate)

“South Bounding Coordinate” – Enter the South coordinate (must be smaller than the North coordinate)

“East Bounding Coordinate” – Enter the East coordinate (remember to use a negative (-) in front of western hemisphere projects).

“West Bounding Coordinate” - Enter the West coordinate (remember to use a negative (-) in front of western hemisphere projects).

“Is there a specific description of the area you would like to provide?”– If desired the user may describe the area for the project in greater detail (limited to 200 characters).

After completing the required fields, select the “Next” button to go to page 4.

Alternative method - Select State

If the user wants to select a state, use the following method:

“Select State” – Select the state from the list. If the project is a state level project, the user can then optionally fill out the next field.

“Is there a specific description of the area you would like to provide?”– If desired the user may describe the area for the project in greater detail (limited to 200 characters).

Select the “Next” button to go to page 4.

Alternative method - Select State and County

If the user wants to select a state and county, use the following method:

“Select State” – Select the state from the list. Select the radio button for “Select a county.” Then select the “County List” button. The user will then have a list of counties to select from. Only one county can be chosen from the list. If the project is a county level project, the user can then optionally choose the county.


“Is there a specific description of the area you would like to provide?” – If desired the user may describe the area for the project in greater detail (limited to 200 characters).

Select the “Next” button to go to page 4.

The screenshot displays the 'NDOP Project Tracking System - Interactive Page 4 of 4'. The header includes 'Multihazard INFORMATION PLATFORM' and the FEMA logo. A navigation bar contains links: Home, Map Modernization, News & Events, Tools & Links, Learning, and Map Viewer. The main content area is titled 'NDOP' and 'National Digital Orthophoto Program'. Under 'Spatial Reference Information', the 'Grid/Coordinate Information' section is highlighted. It contains the text 'GRID COORDINATE SYSTEM: What will the Grid System of the planned data be?' followed by a dropdown menu showing 'Please Select' and a text input field for 'If Other:'. A 'Select' button is located below these fields. At the bottom, there is a footer with the text 'Last Updated: Sunday, May 1, 2005 12:00 AM ET' and a row of links: DHS.gov, FEMA.gov, Privacy Policy, Accessibility, Site Help, Site Map, and Contact Us. Below these links is the address 'FEMA 500 C Street, SW Washington, D.C. 20472' and the phone number '(202) 566-1600'.


“What will the Grid System of the planned data be?” – Select a coordinate system from the list. Use the Select button to display the parameters for that coordinate system. If UTM is chosen, the following is displayed:

Multihazard
INFORMATION PLATFORM

FEMA

[Home](#) | [Map Modernization](#) | [News & Events](#) | [Tools & Links](#) | [Learning](#) | [Map Viewer](#)

NDOP Project Tracking System - Interactive Page 4 of 4

NDOP

National Digital Orthophoto Program

Spatial Reference Information

Grid/Coordinate Information

GRID COORDINATE SYSTEM:

What will the Grid System of the planned data be?
Universal Transverse Mercator

What is the UTM zone number?
1

What will the Horizontal Datum of the planned data be?
-----Please Select----- If Other:

Submit your information! Reset

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“What is the UTM zone number?” – Select the UTM zone number.

“What will the Horizontal Datum of the planned data be?” – Select the Horizontal datum.

Select “Submit your information.” This will validate the submission and place it in the system so that it is immediately searchable. An email will be sent to the email address of the contact listed in the input along with a copy of the project information record.

Search Project Information

If Search Project Information is chosen, the following screen will appear:

FEMA: Mapping Information Platform: NDOP Project Tracking System - Search



National Digital Orthophoto Program

Overview

Map

Size: Navigation: Quick Zoom: **AK HI AS PR & VI** **GU & MP** **US 48** Selection:

Zoom Controls

Select State:

Zoom to Bounding Box

Max Y: Min X: Max X: Min Y:

Zoom Map

Base Layers

- ☒ County Boundary
- ☒ Interstate Highways
- ☒ Highways
- ☒ Major Roads
- ☒ Streets
- ☒ States(1)
- ☒ States(2)
- ☒ Counties
- ☒ Major Cities
- ☒ Cities
- ☒ Minor Rivers
- ☒ Lakes, Major Rivers(1)
- ☒ Lakes, Major Rivers(2)

Overlay Layers

Servers

- USGS reference data
- FEMA Map Mod flood data
- JPL OnEarth satellite imagery
- NOAA hydrographic data

Search Parameters

Search by Content Status

Progress:

Search by Location

Place Keyword:

(State or County)

Search by Time Period

Fiscal Year:

OR

Fiscal Year Range: From To

Search by Agency

Lead Agency:

USDA - SAAP

USDA Farm Service Agency - NAIP

USDA - Soil Survey Counties

USDA - Alaska National Forest

USDA Forest Service - GSTC

Participating Agency:

for use by FEMA Map Mod

NRCS

FS

USGS

Search by Orthophoto Details

Leaf Status:

Image Band:

☐ CIR ☐ Panchromatic ☐ RGB/Natural Color

Horizontal Accuracy Range:

From To

Image Resolution:

Collection Method:

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In order to search the project information for other projects in the system, select one or more criteria using the drop-down boxes, data entry boxes, or by zooming in to an area on the map. The user may search by one or multiple criteria. Be aware that if too many criteria are chosen, the user may limit the search to a point where no records meet the criteria.

The base and overlay layers may be turned on and off to change the map display. Zoom controls can also be used to change the current map extent, either to zoom to a state or a county. Other pre-defined extents exist in the Quick Zoom box.

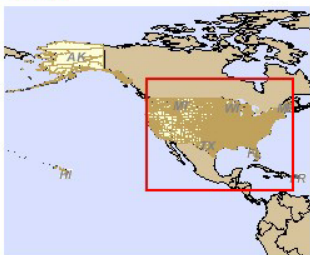
Once the criteria are chosen, select “Search” and the following results page will be displayed. Alternatively, the “Quick Search” icon (in the Selection box) can be chosen to initiate an immediate search based only on the geographical extent selected.

NDOP Project Tracking System - Search Results



National Digital Orthophoto Program

Overview



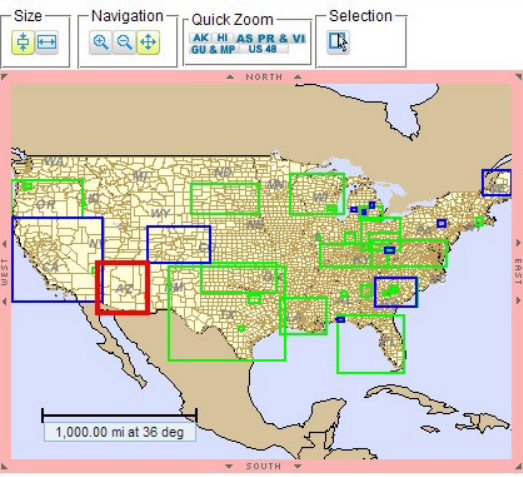
Map

Size

Navigation

Quick Zoom

Selection



Base Layers

- ☒ County Boundary
- ☒ Interstate Highways
- ☒ Highways
- ☒ Major Roads
- ☒ Streets
- ☒ States(1)
- ☒ States(2)
- ☒ Counties
- ☒ Major Cities
- ☒ Cities
- ☒ Minor Rivers
- ☒ Lakes, Major Rivers(1)
- ☒ Lakes, Major Rivers(2)

Overlay Layers

- ☒ Servers
 - ☒ USGS reference data
 - ☒ FEMA Map Mod flood data
 - ☒ JPL OnEarth satellite imagery
 - ☒ NOAA hydrographic data

Zoom Controls

Select State

Zoom to Bounding Box

Max Y: 57.2462

Min X: -124.558 Max X: -67.9066

Min Y: 14.7574

Zoom Map

Search Results

Delete

Check: All, None

Delete	View	Edit	Project Name	Originator	Fiscal Year	Find Overlapping Projects
<input type="checkbox"/>			SC NAPP CIR Orthoimagery	USGS	2005	Find
<input type="checkbox"/>			Scranton Urban Area	USGS	2005	Find
<input type="checkbox"/>			Pensacola Urban Area	USGS	2005	Find
<input type="checkbox"/>			Charlestown, WV Urban Area	USGS	2005	Find
<input type="checkbox"/>			Lansing, MI Urban Area	USGS	2005	Find
<input type="checkbox"/>			Grand Rapids, MI Urban Area	USGS	2005	Find
<input type="checkbox"/>			Flint, MI Urban Area	USGS	2005	Find
<input type="checkbox"/>			ME Multi-res Orthoimagery 4	USGS	2007	Find
<input checked="" type="checkbox"/>			National Agriculture Imagery Program (NAIP)	USDA Farm Service Agency - NAIP	2006	Find
<input type="checkbox"/>			National Agriculture Imagery Program (NAIP)	USDA Farm Service Agency - NAIP	2006	Find

Displaying 1 - 10 of 38 results

1 2 3 4 next ->

[Upload Project Information](#)
[Enter Project Information](#)
[Search Project Information](#)

Export All Search Results

Brief Summary Full

CSV [download](#) [download](#) [download](#)

XML [download](#) [download](#) [download](#)

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The search results are displayed in the table, 10 records per page. A table row can be selected by clicking on it, which will highlight in red that project’s bounding box in the map. The non-selected projects on

that page have their bounding boxes displayed in blue on the map. And the other projects in the results set (on other results pages) have their bounding boxes displayed in green.

Clicking on the icon in the View column will display a summary of the project information for that project. From the summary view, the user can choose to view the project's complete record.

Records can also be deleted or edited, but a username and password are required. Contact your agency's NDOP Project Coordination Subcommittee representative if you need access to edit or delete records.

The "Refine Search" icon (in the Selection box) can be chosen to refine the results set, based on the geographical extent selected. If the Find button to the right of each project is selected, then all projects in the system (not just those in the current results set) that overlap the spatially bounding rectangle for that project will be displayed in a new set of results.

Export All Search Records allows the user to export all the results set projects in a variety of formats.

Contact for Assistance

If you need assistance with this tool, please contact the FEMA Help Desk by e-mail (miphelp@mapmodteam.com).

Sample XML File

Shown below is an example of a correct XML File that will pass the validator in the upload process. For more details about the XML input file see the NDOP Project Tracking System User Guide.

```
<?xml version="1.0" encoding="UTF-8" ?>
- <!--
Sample XML file generated by XML Spy v4.1 U (http://www.xmlspy.com)
-->
= <metadata xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:noNamespaceSchemaLocation="C:\cygwin\home\johnd\Projects\IP2000\FE
  MA-MIP\Architecture\GeospatialInteroperabilityFramework\Metadata\MIP-
  Profiles\ProfileSchema\fgdc-std-001-1998\fgdc-std-001-1998-ann.xsd">
  <idinfo>
    <citation>
      <citeinfo>
        <origin>LeadNGA</origin>
        <pubdate>00000000</pubdate>
        <title>Atestproject</title>
        <onlink>www.testlocation.com</onlink>
      </citeinfo>
    </citation>
    <descript>
      <abstract>This is a test</abstract>
      <purpose>See Abstract</purpose>
    </descript>
    <timeperd>
      <timeinfo>
```

```

    <sngdate>
      <caldate>Unknown</caldate>
    </sngdate>
  </timeinfo>
  <current>LeafOff</current>
</timeperd>
<status>
  <progress>Proposed</progress>
  <update>Not Applicable</update>
</status>
<spdom>
  <bounding>
    <westbc>-77.122630</westbc>
    <eastbc>-76.911210</eastbc>
    <northbc>38.993430</northbc>
    <southbc>38.788120</southbc>
  </bounding>
</spdom>
<keywords>
  <theme>
    <themekt>None</themekt>
    <themekey>Ortho</themekey>
    <themekey>NDOP</themekey>
  </theme>
  <place>
    <placekt>None</placekt>
    <placekey>DC</placekey>
  </place>
  <temporal>
    <tempkt>None</tempkt>
    <tempkey>2007</tempkey>
  </temporal>
</keywords>
<accconst>See Use Constraints</accconst>
<useconst>Yes, contact the lead agency</useconst>
<ptcontac>
  <cntinfo>
    <cntperp>
      <cntper>Joe Somebody</cntper>
    </cntperp>
    <cntaddr>
      <addrtype>Mailing</addrtype>
      <address>Not Applicable</address>
      <city>Not Applicable</city>
      <state>Not Applicable</state>
      <postal>Not Applicable</postal>
      <country>USA</country>
    </cntaddr>
    <cntvoice>410 555 1212</cntvoice>
    <cntemail>someone@someagency.gov</cntemail>
  </cntinfo>
</ptcontac>

```

```

    </cntinfo>
  </ptcontac>
  <native>Unknown</native>
</idinfo>
<dataqual>
  <attracc>
    <attraccr>Unknown</attraccr>
    <qattracc>
      <attraccv>Multiresolution one meter</attraccv>
      <attracce>Image resolution</attracce>
    </qattracc>
  </attracc>
  <logic>Unknown</logic>
  <complete>Unknown</complete>
  <posacc>
    <horizpa>
      <horizpar>Unknown</horizpar>
      <qhorizpa>
        <horizpav>1</horizpav>
        <horizpae>NSSDA Horizontal
          Accuracy</horizpae>
      </qhorizpa>
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